Project1:Data Breaches

Name: Vikramaditya Reddy Varkala

Zid: Z1973679

Q: Find 5 companies that you have purchased items from or shopped at that have had data breaches. List the company and how many data breaches they have had, and the number of records breached in each incident

| S.  No | Company | No. of Data Breaches | **Type of breach** | Date Made Public | **Records leaked** | **Total** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Manhattan Prep | 1 | HACK | 3/23/2012 | 0 | **0** |
|  |  |  |  |  |  |  |
| 2 | Under Armour | 1 | HACK | 3/30/2018 | 150,000,000 | **150,000,000** |
|  |  |  |  |  |  |  |
| 3 | Home Depot | 4 | INSD | 12/14/2010 | 0 |  |
|  |  |  | PORT | 4/30/2007 | 5563 |  |
|  |  |  | PORT | 5/24/2007 | 204 |  |
|  |  |  | PORT | 10/17/2007 | 10000 | **15767** |
|  |  |  |  |  |  |  |
| 4 | Apple | 4 | HACK | 9/4/2012 | 1000000 |  |
|  |  |  | HACK | 2/19/2013 | 0 |  |
|  |  |  | HACK | 2/26/2014 | 0 |  |
|  |  |  | HACK | 9/1/2014 | 0 | **1000000** |
|  |  |  |  |  |  |  |
| 5 | Adidas | 1 | HACK | 6/28/2018 | 2,000,000 | **2,000,000** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Q. Find 5 four year colleges/universities that have had data breaches. List the same information for each school as you did for the 5 companies above.

| S.No | College/university | No. of Data Breaches | **Type of breach** | Date Made Public | **Records leaked** | **Total** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | University of Southern California (USC) | 2 | HACK | 6/29/2012 | 0 |  |
|  |  |  | DISC | 7/12/2005 | 270,000 | **270000** |
|  |  |  |  |  |  |  |
| 2 | Pepperdine University | 1 | PORT | 12/11/2012 | 8300 | **8300** |
|  |  |  |  |  |  |  |
| 3 | Southern Illinois University | 1 | HACK | 2/17/2010 | 900 | **900** |
|  |  |  |  |  |  |  |
| 4 | Notre Dame University | 2 | PORT | 1/2/2007 | 0 |  |
|  |  |  | DISC | 11/21/2009 | 0 | **0** |
|  |  |  |  |  |  |  |
| 5 | Holy Family University | 1 | HACK | 6/3/2012 | 12 | **12** |

Notes:(How I filtered data)

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import pandas as pd

import numpy as np

df=pd.read\_csv(“https://privacyrights.org/sites/default/files/2020-01/PRC%20Data%20Breach%20Chronology%20-%201.13.20.csv")

filtered\_df = df[df['Type of organization'] == ‘EDU']

filtered\_df = df[df['Company'] == 'Holy Family University’]

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